

FOTON

Spółka Akcyjna

85 - 303 BYDGOSZCZ
UL. PIĘKNA 13

PHOTOGRAPHIC PAPER POLYGRADE

CHARACTERISTICS

POLYGRADE photographic paper is a new product of our Company. It is provided for making black and white prints with correct tone reproduction from black and white negatives of various contrast.

POLYGRADE photographic is variable contrast photographic paper. Required contrast is received by applying various colours of light exposing this paper. This means that in order to receive tonally correct prints from negatives of different contrast, instead of several kinds of Fotonbrom papers of different grading, only **POLYGRADE** paper may be applied.

Different colours of light exposing **POLYGRADE** paper, i.e. various kinds of contrast after development, are obtained by applying yellow or purple filters for exposing, such as are used in colour photography as correction filters. This makes it possible to use the same printers and enlargers which are used in colour photography.

In order to obtain full range of **POLYGRADE** paper contrast it is enough to use yellow and purple correction filters with figure value between "0" to "120" for exposing. Application of more dense yellow filters gives softer gradation, i.e. less contrastive, whereas application of more dense purple filters gives harder gradation, i.e. more contrastive. Gradation changes take place in a smooth way so that relevant **POLYGRADE** paper gradation for each negative can be obtained by suitable selection of filters.

DARK-ROOM LIGHTING

Suitable olive or red light should be used for lighting the dark-room. Dark-room lamp with a 15 W bulb with BC-01 or C-05 filter guarantees correct lighting. Dark-room lamp's distance from paper should not be less than 1m.

CHEMICAL PROCESS

POLYGRADE paper may be developed in any developer provided for figurative black and white paper development. It is recommended to use positive developers produced by our Company: W 14 - Fenal, W 23 or universal developers, i.e. W 1 or W 41. The best results are obtained when applying W 1 developer.

Using these developers, the paper is developed well in a temperature of 20 ± 2 C within 2.0 to 2.5 minutes.

It is recommended to use stop bath consisting of 1% acetic acid water solution in a temperature of 20 ± 2 C, within 20 to 30 seconds, after development.

The **POLYGRADE** photographic paper may be fixed in any fixing agent provided for fixing black and white papers, in a temperature of 20 ± 2 C, within 8 to 10 minutes; The U 1 fixing agent is particularly recommended. Next, the paper should be washed with water supply system water during 30 minutes.

WE WISH YOU GOOD RESULTS ON POLYGRADE PAPER!

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